

WHAT IS CLAIMED IS:

- 1 1. A method of displaying a relationship between an HTML file and an
2 element in the HTML file, comprising the steps of:
3 reading information from a project file, the information comprising a relationship
4 between the element and the HTML file;
5 processing the information to map the element to the HTML file; and
6 displaying the mapping.
- 1 2. The method of claim 1, wherein the information is generated when the
2 element is transferred from a form to an HTML page associated with the HTML file.
- 1 3. The method of claim 1, wherein the element is selected from a group
2 comprising:
3 a visual control; and
4 a non-visual control, selected from a group comprising a button, a picklist, and a
5 data entry box.
- 1 4. The method of claim 1, wherein the information comprises an element
2 name and an HTML file name.
- 1 5. The method of claim 4, wherein the information further comprises a form
2 name.
- 1 6. The method of claim 1, wherein the step of displaying the mapping
2 comprises the step of presenting an element name and an HTML file name in a row of a
3 table.

1 7. The method of claim 6, wherein the table comprises cells defined by the
2 row and the column of the cell, and the modified mapping is entered into a cell of the
3 table.

1 8. The method of claim 1, wherein the step of displaying the mapping
2 comprises the step of presenting the element name and the HTML file name in a column
3 of a table.

1 9. The method of claim 1, further comprising the step of flagging an invalid
2 mapping between the element and the HTML file.

1 10. The method of claim 9, wherein the step of flagging an invalid mapping
2 between the element and the HTML file comprises the steps of:
3 reading the project file;
4 extracting the HTML filename from the project file;
5 searching for the HTML file using the extracted HTML filename; and
6 flagging the mapping as invalid when the extracted HTML file is not found.

1 11. The method of claim 1, further comprising the steps of:
2 accepting a modified mapping; and
3 storing the modified mapping in the project file.

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1 12. A apparatus for displaying a relationship between an HTML file and an
2 element from a form to the HTML file, comprising:
3 means for reading information from a project file, the information comprising a
4 relationship between the element and the HTML file;
5 means for processing the information to map the element to the HTML file; and
6 a display for presenting the mapping to a user.

1 13. The apparatus of claim 12, wherein the information is generated when the
2 element is transferred from a form to an HTML page associated with the HTML file.

1 14. The apparatus of claim 12, wherein the element is selected from a group
2 comprising:
3 a visual control;
4 a non-visual control, selected from a group comprising a button, a picklist, and a
5 data entry box.

1 15. The apparatus of claim 12, wherein the information comprises an element
2 name and an HTML file name.

1 16. The apparatus of claim 15, wherein the information further comprises a
2 form name.

1 17. The apparatus of claim 12, wherein the means for displaying the mapping
2 comprises means for presenting the element name and the HTML file name in a row of a
3 table.

1 18. The apparatus of claim 17, wherein the table comprises cells defined by
2 the row and the column of the cell, and the modified mapping is entered into a cell of the
3 table.

1 19. The apparatus of claim 12, wherein the means for displaying the mapping
2 comprises means for presenting the element name and the HTML file name in a column
3 of a table.

1 20. The apparatus of claim 12, further comprising means for flagging an
2 invalid mapping between the element and the HTML file.

1 21. The apparatus of claim 20, wherein the means for flagging an invalid
2 mapping between the element and the HTML file comprises:
3 means for reading the project file;
4 means for extracting the HTML filename from the project file;
5 means for searching for the HTML file using the extracted HTML filename; and
6 means for flagging the mapping as invalid when the extracted HTML file is not
7 found.

1 22. The apparatus of claim 12, further comprising:
2 means for accepting a modified mapping; and
3 means for storing the modified mapping in the project file.

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1 23. An article of manufacture, embodying logic to perform method steps of
2 displaying a relationship between an HTML file and an element from a form to the
3 HTML file, the method steps comprising the steps of:
4 reading information from a project file, the information comprising a relationship
5 between the element and the HTML file;
6 processing the information to map the element to the HTML file; and
7 displaying the mapping.

1 24. The article of manufacture of claim 23, wherein the information is
2 generated when the element is transferred from a form to an HTML page associated with
3 the HTML file.

1 25. The article of manufacture of claim 23, wherein the element is selected
2 from a group comprising:
3 a visual control; and
4 a non-visual control, selected from a group comprising a button, a picklist, and a
5 data entry box.

1 26. The article of manufacture of claim 23, wherein the information comprises
2 an element name and an HTML file name.

1 27. The article of manufacture of claim 26, wherein the information further
2 comprises a form name.

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1 28. The article of manufacture of claim 23, wherein the method step of
2 displaying the mapping comprises the method step of presenting the element name and
3 the HTML file name in a row of a table.

1 29. The article of manufacture of claim 28, wherein the table comprises cells
2 defined by the row and the column of the cell, and the modified mapping is entered into a
3 cell of the table.

1 30. The article of manufacture of claim 23, wherein the method step of
2 displaying the mapping comprises the method step of presenting the element name and
3 the HTML file name in a column of a table.

1 31. The article of manufacture of claim 23, wherein the method steps further
2 comprise the method step of flagging an invalid mapping between the element and the
3 HTML file.

1 32. The article of manufacture of claim 31, wherein the method step of
2 flagging an invalid mapping between the element and the HTML file comprises the
3 method steps of:

4 reading the project file;
5 extracting the HTML filename from the project file;
6 searching for the HTML file using the extracted HTML filename; and
7 flagging the mapping as invalid when the extracted HTML file is not found.

1 33. The article of manufacture of claim 23, wherein the method steps further
2 comprise the steps of:

3 accepting a modified mapping; and
4 storing the modified mapping in the project file.

- 1 34. A data structure readable by computer for representing a software project
2 in a single file, the software project comprising a project application defined by
3 executable programming logic, and a project environment for developing the application,
4 the data structure comprising
5 a first section comprising the executable programming logic needed to load and
6 execute the project application in the computer; and
7 a second section for storing data required to restore the project environment, and
8 for storing information comprising a relationship between elements and HTML files in
9 the project.

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